

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: WilsonTan

GENERAL INFORMATION:

| | |
|----------------------------|--|
| Name: | MPD Inc. |
| Address: | 316 East Ninth Street, Owensboro, KY 42303 |
| Date application received: | February 13, 2001 |
| SIC/Source description: | 3679 |
| AFS Plant ID: | 21-059-00016 |
| Application log number: | 53569 |
| Permit number: | F-03-014 |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|--|--|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input checked="" type="checkbox"/> Conditional major |
| __Administrative | <input type="checkbox"/> Title V |
| __Minor | <input type="checkbox"/> Synthetic minor |
| __Significant | <input type="checkbox"/> Operating |
| <input checked="" type="checkbox"/> Permit renewal | <input checked="" type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|--|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b) | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSION SUMMARY:

| Pollutant | Construction PTE (TPY) | Actual source wide controlled PTE (TPY) |
|------------------|-----------------------------------|--|
| PM | 0.1851 | 0.5 |
| HAP | 8.1396 | 8.14 |
| VOC | 0.0018 | 0.22 |
| CO | | 3.41 |
| SO2 | | 0.02 |
| NO2 | | 4.06 |

SOURCE PROCESS DESCRIPTION:

MPD Inc., an existing conditional major source (for HAP) submitted a permit renewal application for its existing S-96-054 and S-96-211 permits.

MPD Inc. has three subsidiary companies onsite: CMI makes breath-alcohol instrumentation for police departments, MPH makes radar guns for police departments, and MPD Components makes electronics for the Dept. of Defense. All of the companies are electronic in nature and all of MPD Inc.'s customers are either governments or military contractors.

EMISSION AND OPERATING CAPS DESCRIPTION:

- a. Trichloroethylene (HAP) emissions from each solvent cleaning machine (degreaser) shall be equal to or less than 150 kilograms/square meter/month on a 3-month rolling average.
- b. Pursuant to Regulation 401 KAR 59:015, Section 4(1), particulate emissions shall not exceed 0.482 lb/mmBTU based on a three-hour average.
- c. Pursuant to Regulation 401 KAR 59:015, Section 4(2)(b), opacity shall not exceed twenty (20) percent except a maximum of forty (40) percent opacity shall be permissible for not more than six (6) consecutive minutes in any sixty (60) consecutive minutes during cleaning the fire box or blowing soot.
- d. Pursuant to Regulation 401 KAR 59:015, Section 5(1), sulfur dioxide emissions shall not exceed 2.31 lb/mmBTU based on a twenty-four (24) hour average.